		STRONG MOTION			DETECTION SYSTEM SCHED			ULE			
		CKT No.	Cable Type	Number of Sensors	Sensor Enclosure No.	Enclosure Type No.	Mounting	Location	Hinge Location	Recorder Connection	Remarks
		2900-263A 2900-263B		2	26-3	1	Tower, top of northeast corr		N/A	Strong Motion Recorder #3	Cast metal box
		2900-272A 2900-272B 2900-272C		3	27-2	4 1	At tower, in bo "F" line, on sol South Tongttud plate.	ith face of indishedr	Down	Strong Motion Recorder #2-Box A	
ED BY	DATE REVISED	2900-282A	SSC	1	28-2	7 1	At tower, in bo "W" line, on nor north tompitud plate.	th face of	Down	Strong Motion Recorder #2-Box B	
(/)		2900-292A	SSC	1	29-2	2 w/o plate	Between tower structure, beh transverse dis sensor.*	ind guardrail,	Down	Strong Motion Recorder #2-Box A	Displacement sensor in SST box w/o venting.
N N	B ≺	2900-303A 2900-303B 2900-303C 2900-303D 2900-303E	SSC SSC SSC	5	30-3	4	Tower, inside r quadrant tower at elev. 54 m, of the west wo	shaft on east face	North	Strong Motion Recorder #3	(Includes 2 cables for Till sensors) Put a "T" body at the conduit entrance to the enclosure, with the extra opening temporarily plugged.
DESIGNED BY	CHECKED	2900-313A 2900-313B 2900-313C	SSC	3	31-3	4	Tower, inside n quadrant tower at elev. 94 m, of the west wa	shaft on east face	North	Strong Motion Recorder #3	
	AMMAU I	2900-323A 2900-323B 2900-323C 2900-323D 2900-323E	SSC SSC	5	32-3	4	Tower, inside n quadrant tower of tower (elev on east face o wall.	shaft at top 156.750 m),	North	Strong Motion Recorder #3	(Includes 2 cables for Til- sensors) Put a "T" body at the conduit entrance to the enclosure, with the extra opening temporarily plugged.
וכ	BEHZAD GOLEMOHAMMADI	2900-332A 2900-332B 2900-332C		3	33-2	4 1	At 1/3 pt of s tower (PP68), i for "E" line, or of south longing plate.	n box girder n south face tudinal shear	Down	Strong Motion Recorder #2-Box A	
1 1 a		2900-342A		1	34-2	7	At 1/3 pt of s tower (PP68), i for "W" line, or etymenthy lengin plate.	pan east of n box girder n north face	Down	Strong Motion Recorder #2-Box B	
DEPARIMENT OF TRANSPORTATION	Girans	2900-353A 2900-353B 2900-353C 2900-353D 2900-353E 2900-353F	SSC	6	35-3	6	At 1/3 pt of stayer (PR68) cable, mounted of stanchion of suspender constants.	south to bottom n inboard side	Special	Strong Motion Recorder #3	(Includes 3 accelerometers and 3 rotational sensors).
		2900-363A 2900-363B 2900-363C	SSC SSC	3	36-3	6 🛕	At 1/3 pt of stower (PRG8) cable, mounted of stanchion of suspender c	papeast of north to bottom north ninboard side	Special	Strong Motion Recorder #3	
		2900-373A 2900-373B		2	37-3	2 w/o plate	Tower, inside n quadrant tower at base, on eas west wall.*	shaft,	Down	Strong Motion Recorder #3	Two Tilt sensor in SST box w/o venting.
STATE OF CALIFORNIA -		2900-382A 2900-382B 2900-382C	SSC	3	38-2	4 1	At 2/3 pt of s tower (PP94), i for "E" line, or efsecutivenging plate.	n box girder n south face tudinal shear	Down	Strong Motion Recorder #2-Box A	
						<u></u>	At 2/3 pt of stower (PP94), for "W" line, or of the longing plate.	pan east of n box girder n north face	Down	Strong Motion Recorder #2-Box B	

NOTES:

- For other related work not shown on this drawing, see Electrical Special Provisions.
- 2. References:
 For cable block diagram, see sheets E-382, E-383 - For general notes of the strong motion detection
 - system, see sheet E-361.
 For circuit and conduit/cable tray schedules, see
- sheets starting at E-401.
- 3. All conduits and fittings located outside or inside pier shall be rigid galvanized steel, PVC coated.
- 4. Secure enclosure to concrete sheet E-378. per note 3 on
- 5. * = Displacement and tilt sensors will be installed by CDMG and do not need a pigtail or plate; leave 6 m of extra cable in enclosure specified.



FADI WALIEDDINE No. 11465

Exp. 12/31/2009

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REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE 1 10/03/08 STRONG MOTION SYSTEM RG FW 74 MARK DATE DESCRIPTIONS BY CH'D CCO# REVISIONS

CONTRACT CHANGE ORDER NO. FOR REVISION ONLY SHEET _ OF _

STRONG MOTION DETECTION SYSTEM SCHEDULE								
CKT No.	Cable Type	Number of Sensors	Sensor Enclosure No.	Enclosure Type No.	Mounting Location	Hinge Location	Recorder Connection	Remarks
2900-402A	SSC	1	40-2	1	Pier E2, top of footing for Pier E2E, southwest corner.	N/A	Strong Motion Recorder #2-Box A	Cast metal box
2900-412A 2900-412B 2900-412C	SSC SSC	3	41-2	1	Pier E2, top of footing for Pier E2E, southeast corner.	N/A	Strong Motion Recorder #2-Box A	Cast metal box
2900-422A 2900-422B	SSC	2	42-2	1	Pier E2, top of footing for Pier E2E, northeast corner.	N/A	Strong Motion Recorder #2-Box A	Cast metal box
2900-432A 2900-432B	SSC SSC	2	43-2	5	Pier E2, inside steel box girder at "E" line, on west vertical face of transverse steel plate, 1 meter the girder plate.	North	Strong Motion Recorder #2-Box A	
2900-442A 2900-442B 2900-442C	SSC SSC SSC	3	44-2	4 /1	East end of main span west side of Winge AE (PP127.5), at south edge of horizontal floor on horizontal floor beam.	Wes+	Strong Motion Recorder #2-Box A	
2900-452A 2900-452B	SSC SSC	2	45-2	3 1	East end of main span west side of times AE (PP127.5), at north edge of horizontal floor on horizontal floor beam.	North	Strong Motion Recorder #2-Box A	
2900-462A 2900-462B	<u> </u>	2	46-2	3	East end of main span west side of Wings AW (PP127.5), at south edge of horizontal floor on horizontal floor beam.	North	Strong Motion Recorder #2-Box B	
2900-472A 2900-472B 2900-472C	SSC SSC	3	47-2	4	East end of main span west side of things (W (PP127.5), at north edge of horizontal floor on horizontal flange of floor beam.	Wes+	Strong Motion Recorder #2-Box B	
2900-482A	SSC	1	48-2	y/o plate (East end of main span, west side of Vinge AF, (PP126.5), on horizontal flange of floor beam.*	(West	Strong Motion Recorder #2-Box B	Displacement sensor in SST box w/o vent.

DETAILS STRONG MOTION DETECTION SYSTEM SENSOR SCHEDULES

NO SCALE

E-381

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS CU 04251